

FIG. 1

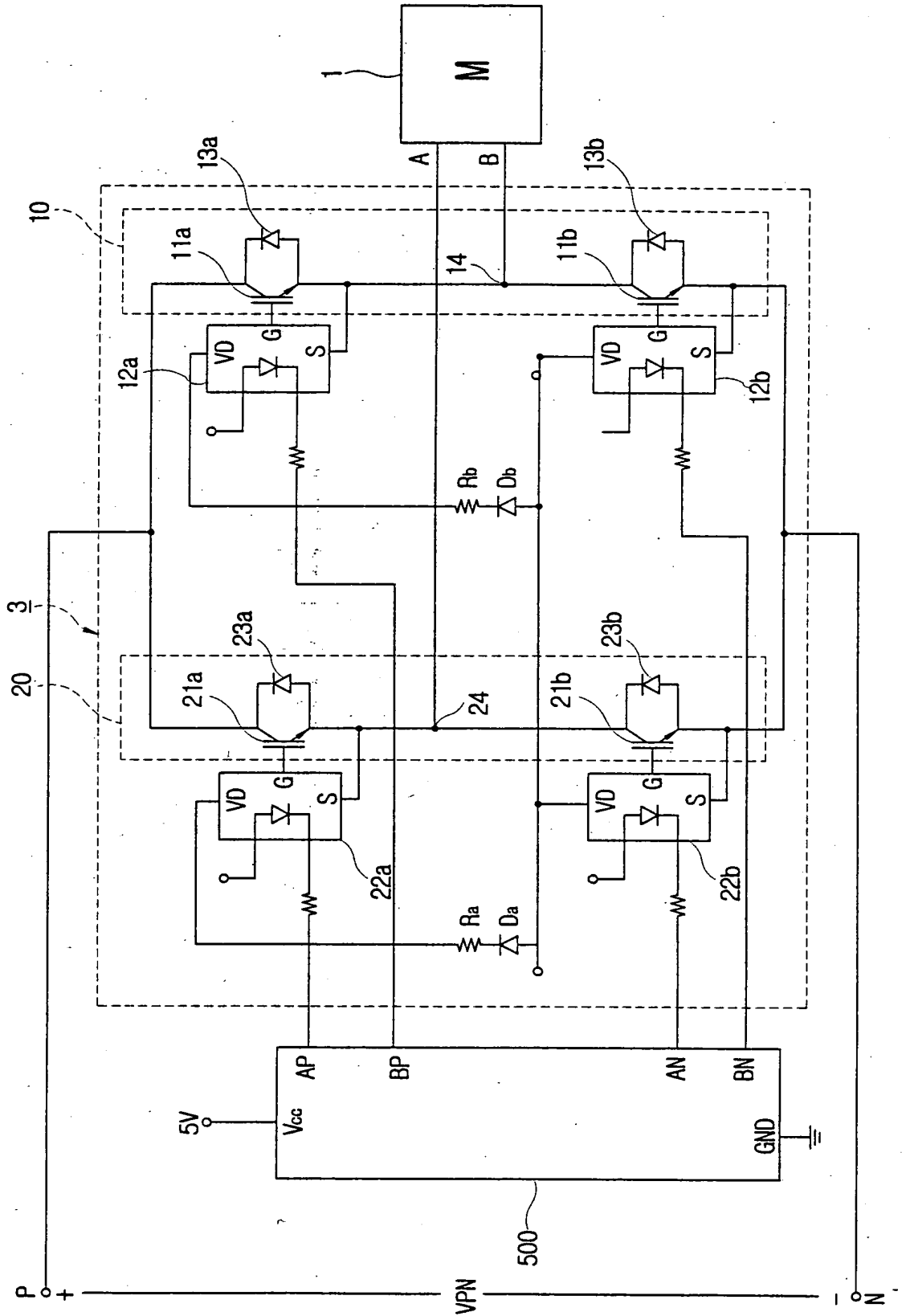
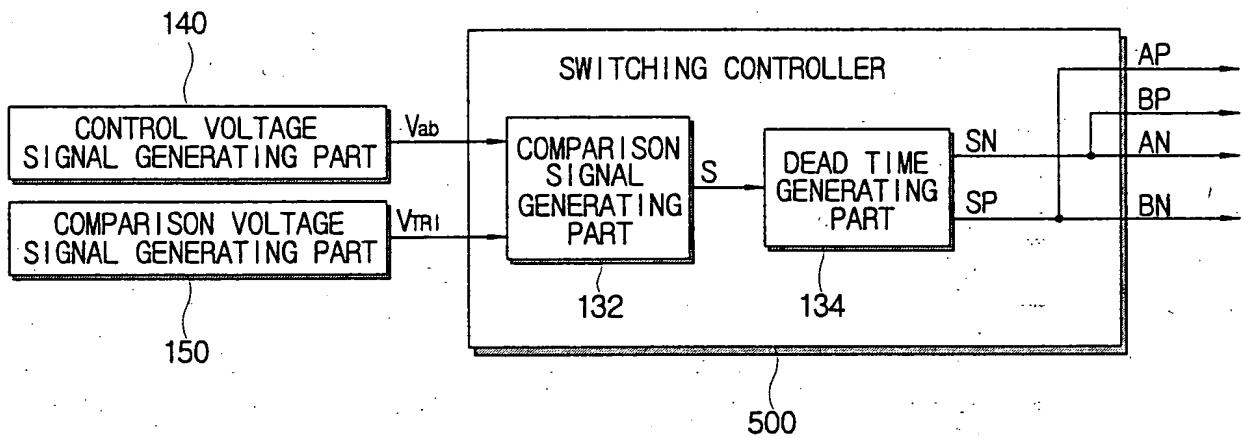


FIG. 2
(PRIOR ART)



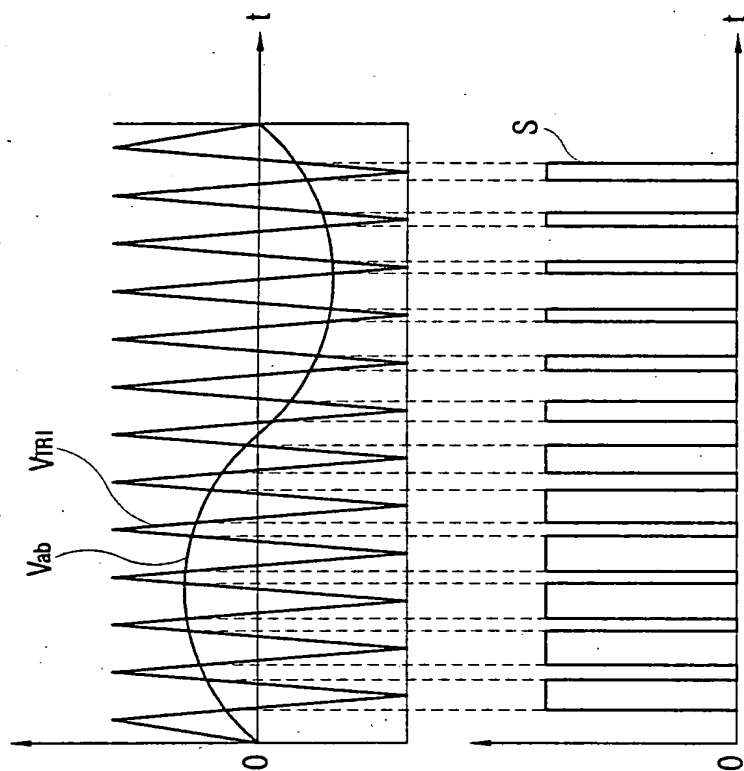


FIG. 3A
(PRIOR ART)

FIG. 3B
(PRIOR ART)

FIG. 4A

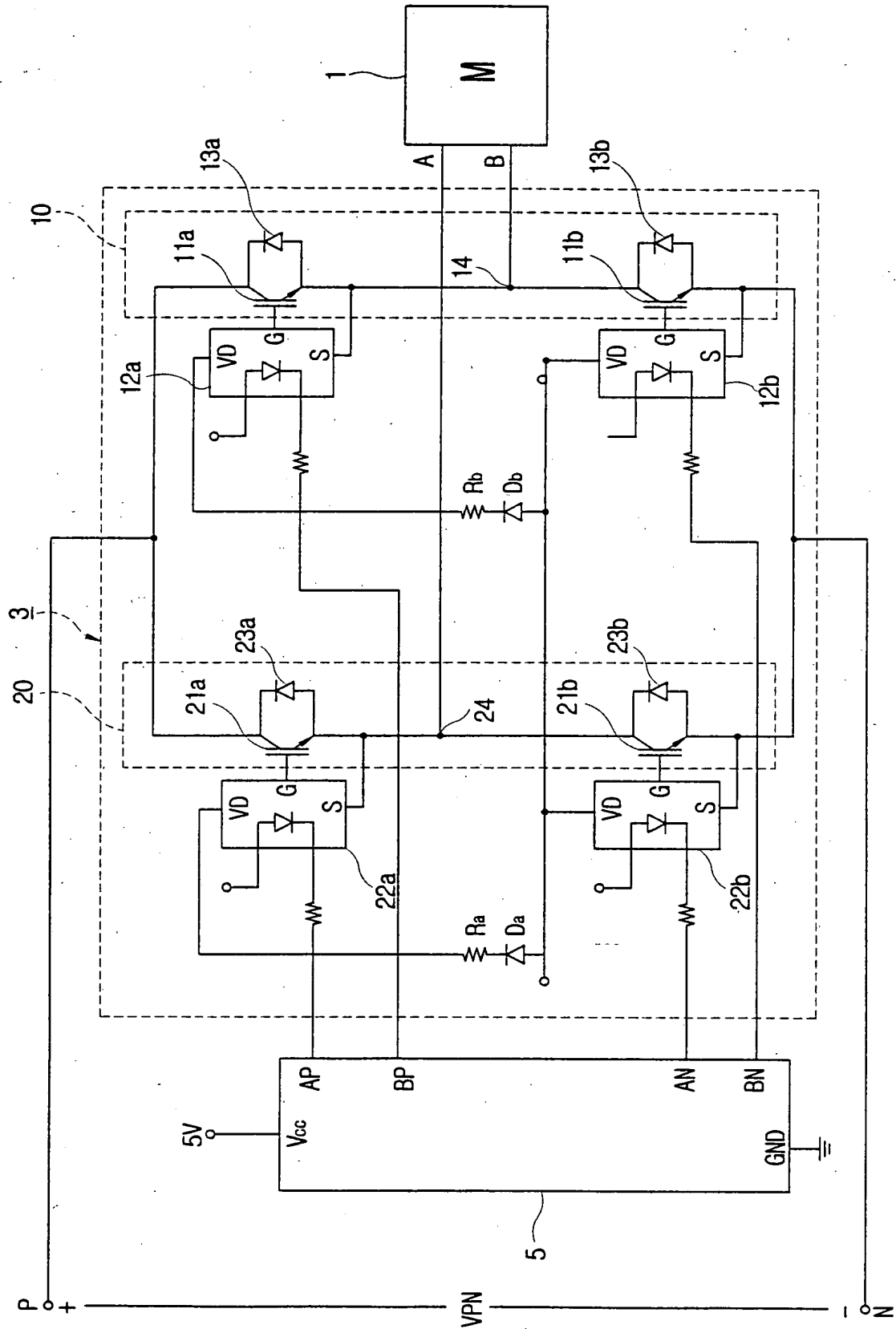


FIG. 4B

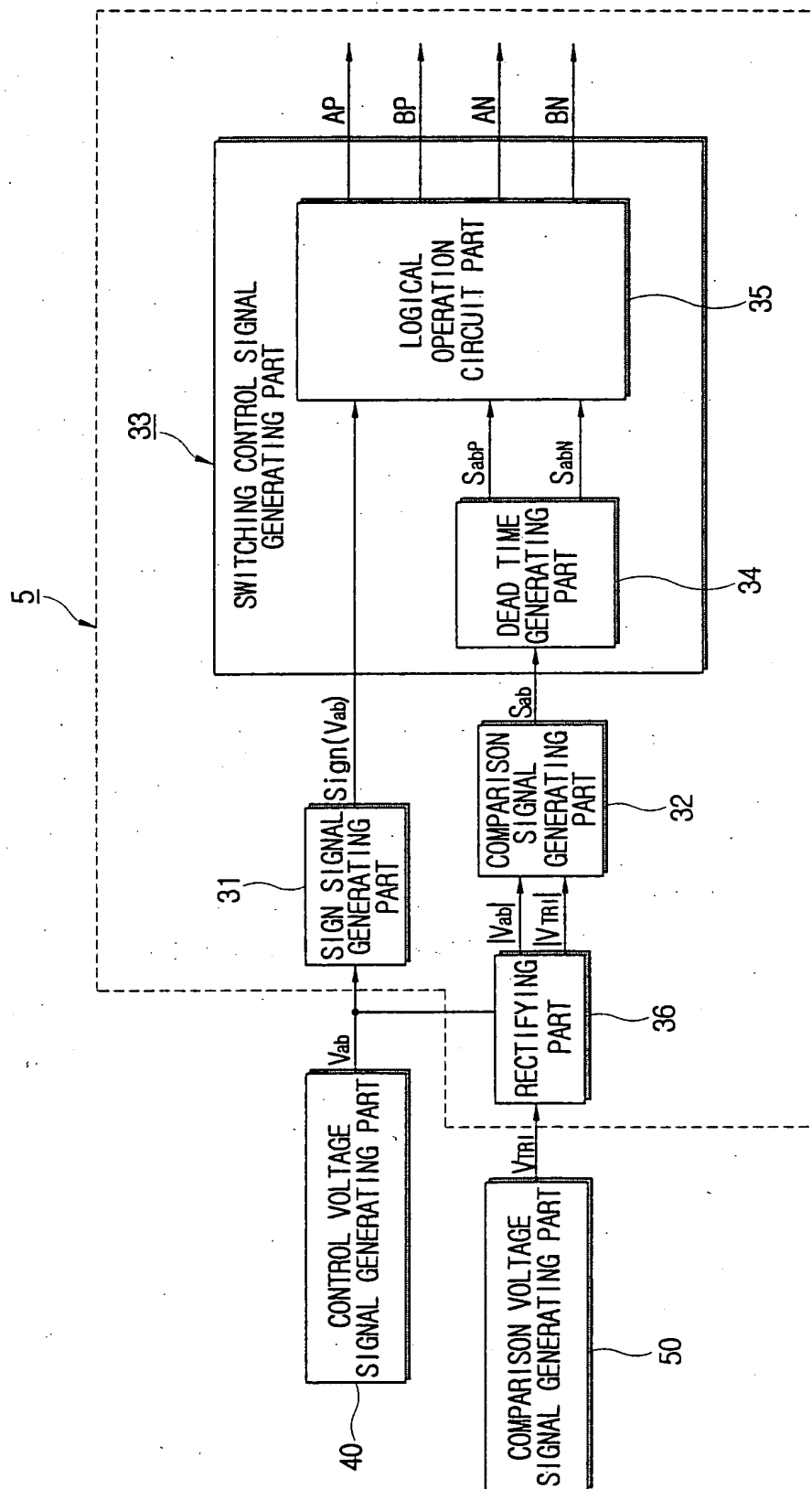
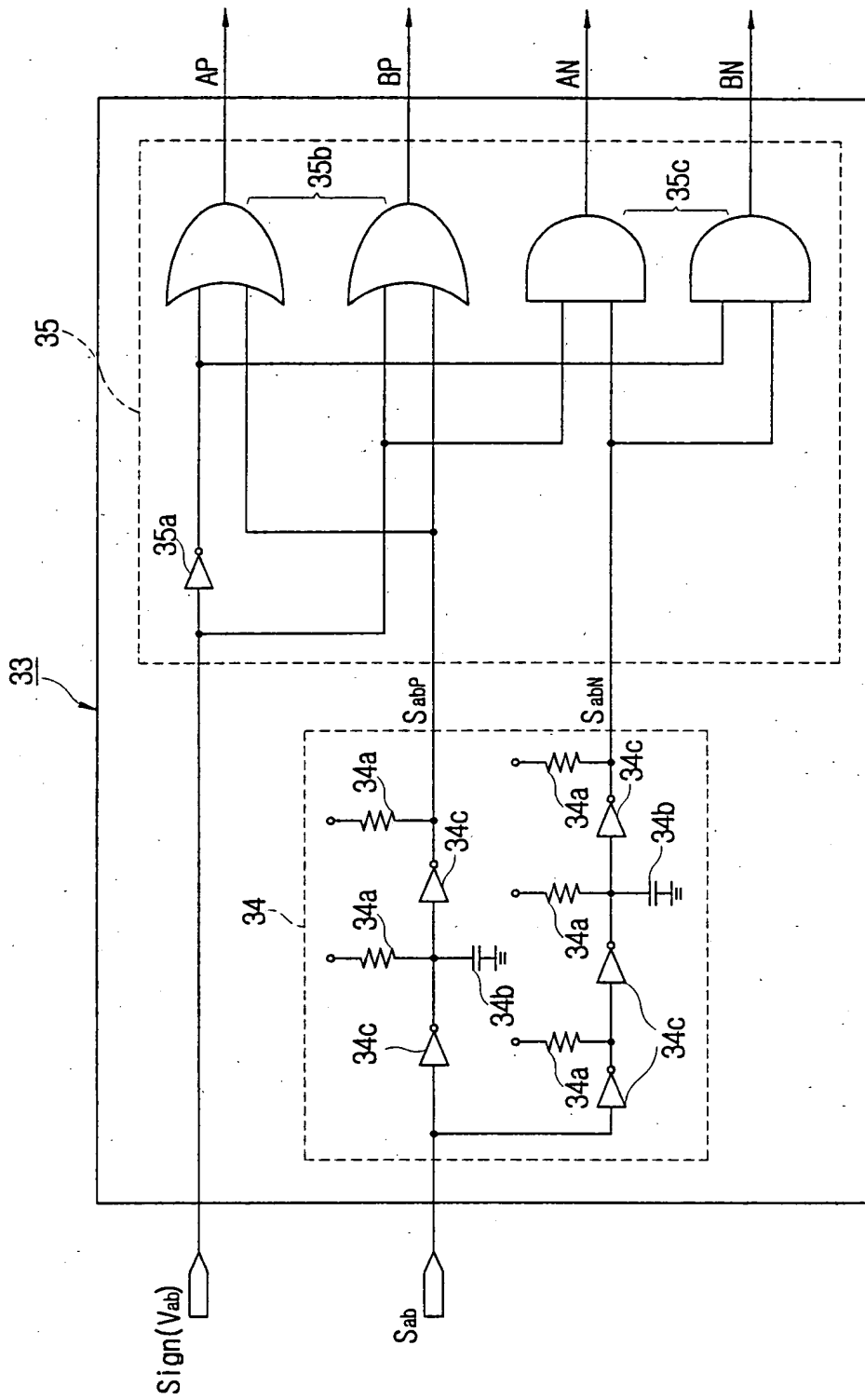
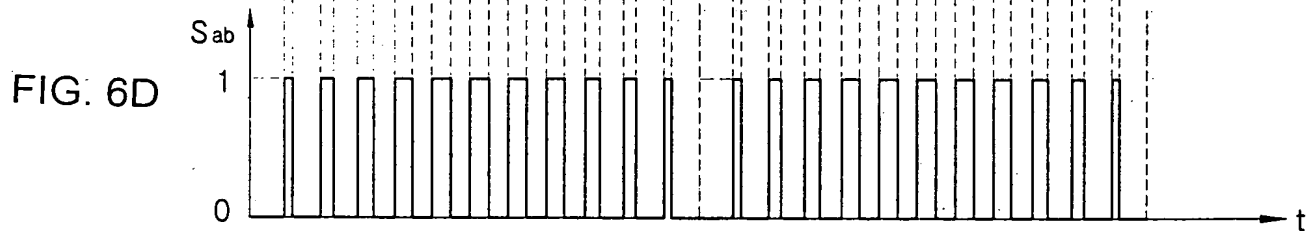
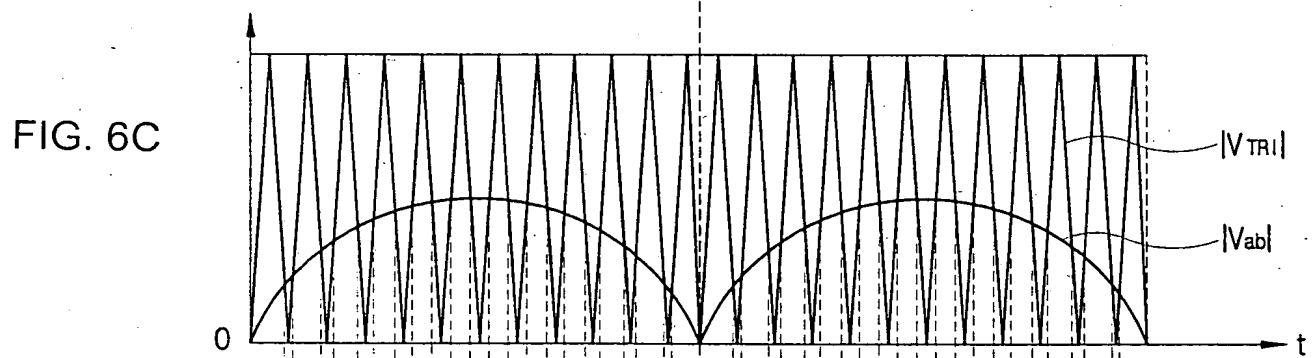
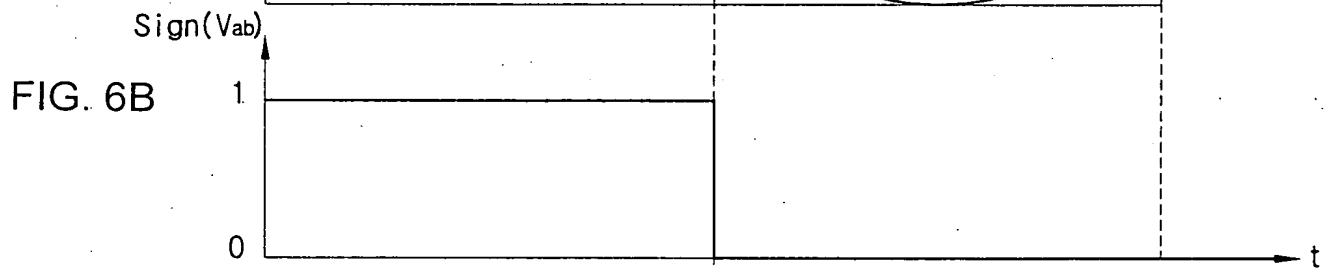
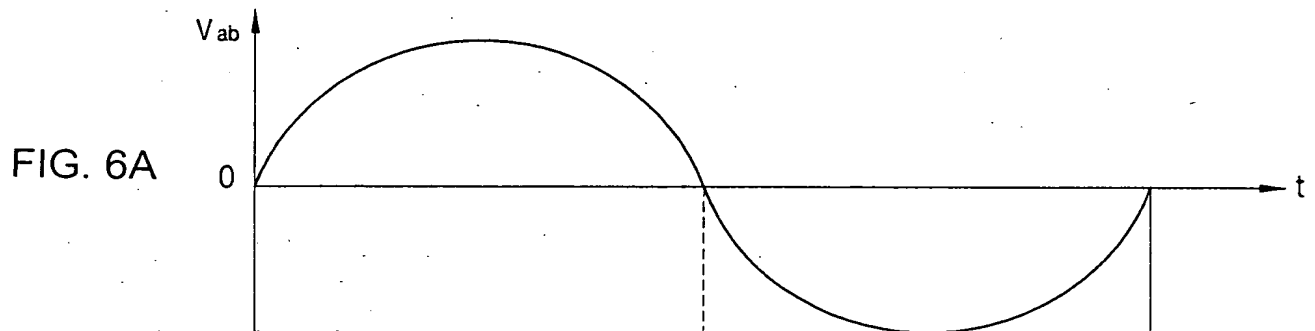


FIG. 5





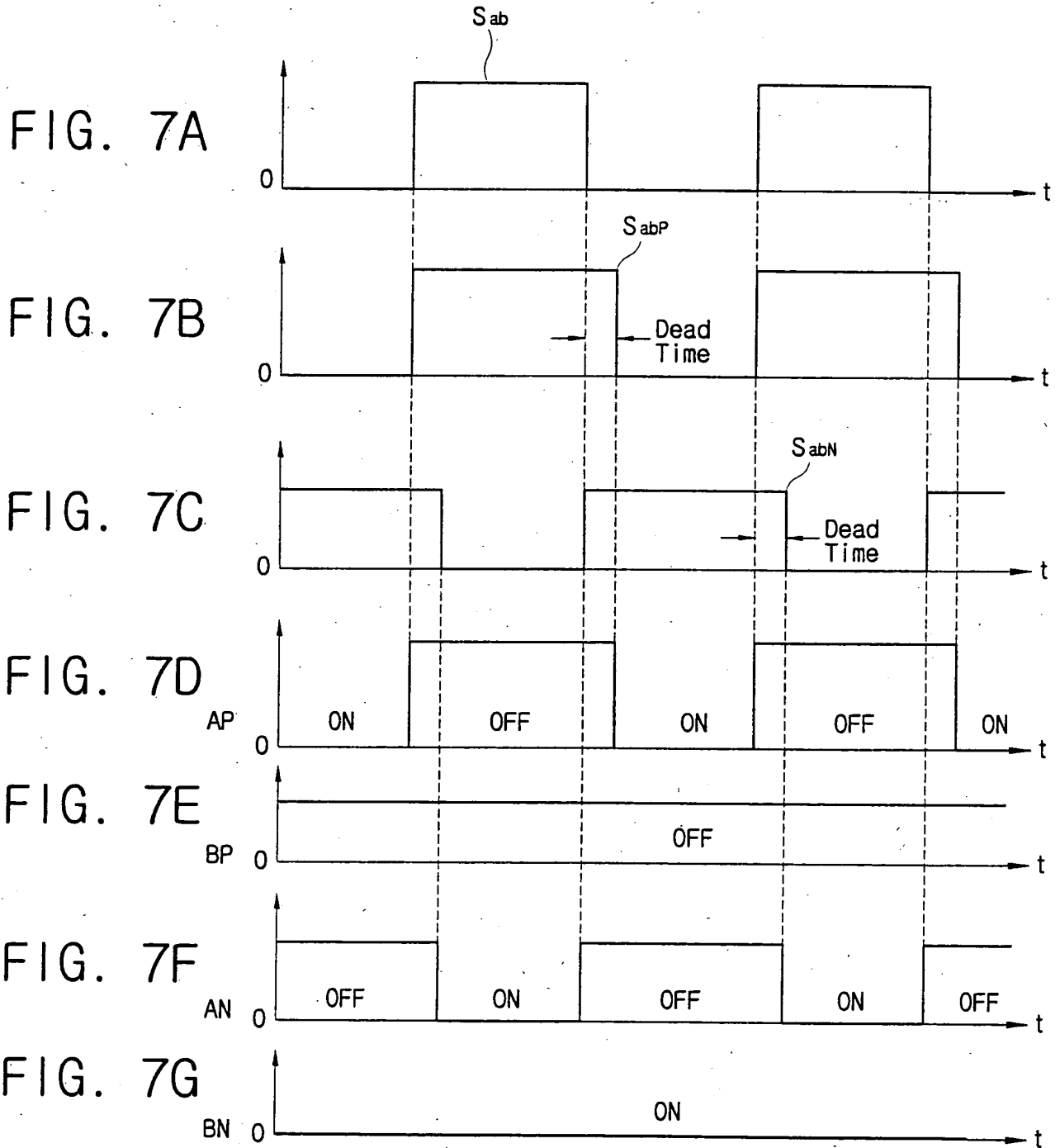


FIG. 8

SWITCHING CONTROL SIGNAL	LOGICAL EXPRESSION
AP	$\text{Sign}(V_{ab})' + S_{abP}$
BP	$\text{Sign}(V_{ab}) + S_{abP}$
AN	$\text{Sign}(V_{ab}) \cdot S_{abN}$
BN	$\text{Sign}(V_{ab})' \cdot S_{abN}$